PTO/SB/21 (02-04) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number Application Number BALTE IB 09/747,295 TRANSMITTAL Filing Date 12/22/2000 **FORM** First Named Inventor Spencer A. Rathus et al. Art Unit (to be used for all correspondence after initial filing) **Examiner Name** Le. Thien Minh Attorney Docket Number 660-030 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance communication Fee Transmittal Form Drawing(s) to Technology Center (TC) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Petition Amendment/Reply (Appeal Notice, Brief, Reply Brief) Petition to Convert to a Proprietary Information After Final Provisional Application Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Terminal Disclaimer Extension of Time Request Identify below): Request for Refund **Express Abandonment Request** Return Receipt Postcard CD, Number of CD(s) Information Disclosure Statement Remarks Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Ward & Olivo 38/2 Springfield Ave. Summit, NJ 07901 Individual name Signature Date 6/18/04 CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Typed or printed name Edward P. Bakos, Esq. Date 6/18/04 Signature

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PTO/SB/17 (01-03)

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FEE	TR	AN	SM	T	ΓAL
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Effective 01/01/2003. Patent fees are subject to annual revision.

John W. Olivo, Jr.

Name (Print/Type)

Signature

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)	180	.00
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Complete if Known				
Application Number	09/747,295			
Filing Date	12/22/2000			
First Named Inventor	Spencer A. Rathus			
Examiner Name	Le, Thien Minh			
Art Unit	2876			
Attorney Docket No.	660-030			

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)			
Check Credit card Money Order None	3. ADDITIONAL FEES			
Deposit Account:	Large Entity Small Entity			
Deposit OC 0400	Fee Fee Fee Fee Fee Description Code (\$)	Fee Paid		
Account Number	1051 130 2051 65 Surcharge - late filing fee or oath			
Deposit Account Ward & Olivo	1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet			
Name The Commissioner is sutherized to: (check all that canb)	1053 130 1053 130 Non-English specification			
The Commissioner is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overpayments	1812 2,520 1812 2,520 For filing a request for ex parte reexamination			
Charge any additional fee(s) during the pendency of this application	n 1804 920* 1804 920* Requesting publication of SIR prior to Examiner action			
Charge fee(s) indicated below, except for the filing fee	1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action			
to the above-identified deposit account.	1251 110 2251 55 Extension for reply within first month			
FEE CALCULATION	1252 410 2252 205 Extension for reply within second month			
1. BASIC FILING FEE Large Entity Small Entity	1253 930 2253 465 Extension for reply within third month			
Fee Fee Fee Fee Description Fee Paid	1254 1,450 2254 725 Extension for reply within fourth month			
Code (\$) Code (\$) 1001 750 2001 375 Utility filing fee	1255 1,970 2255 985 Extension for reply within fifth month			
1002 330 2002 165 Design filing fee	1401 320 2401 160 Notice of Appeal			
1003 520 2003 260 Plant filing fee	1402 320 2402 160 Filing a brief in support of an appeal			
1004 750 2004 375 Reissue filing fee	1403 280 2403 140 Request for oral hearing			
1005 160 2005 80 Provisional filing fee	1451 1,510 1451 1,510 Petition to institute a public use proceeding	<u></u>		
SUBTOTAL (1) (\$) 0	1452 110 2452 55 Petition to revive - unavoidable	L		
	1453 1,300 2453 650 Petition to revive - unintentional			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501 1,300 2501 650 Utility issue fee (or reissue)			
Extra Claims below Fee Paid Total Claims X = X	11			
Independent 2**-	1503 630 2503 315 Plant issue fee			
Claims -3	1460 130 1460 130 Petitions to the Commissioner	<u> </u>		
Large Entity Small Entity	1807 50 1807 50 Processing fee under 37 CFR 1.17(q)	180.00		
Fee Fee Fee Fee Description	1806 180 1806 180 Submission of Information Disclosure Stmt 8021 40 8021 40 Recording each patent assignment per	180.00		
Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20	8021 40 8021 40 Property (times number of properties)			
1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3	1809 750 2809 375 Filing a submission after final rejection (37 CFR 1.129(a))			
1203 280 2203 140 Multiple dependent claim, if not paid	1810 750 2810 375 For each additional invention to be			
1204 84 2204 42 ** Reissue independent claims over original patent	examined (37 CFR 1.129(b)) 1801 750 2801 375 Request for Continued Examination (RCE)			
1205 18 2205 9 ** Reissue claims in excess of 20	1802 900 1802 900 Request for expedited examination of a design application			
and over original patent	Other fee (specify)			
SUBTOTAL (2) *Reduced by Basic Filing Fee Paid SUPTOTAL (2) (7) 190				
**or number previously paid, if greater; For Reissues, see above	305101A2 (δ) (ψ) 186.			
SUBMITTED BY	(Complete (if applicable)			

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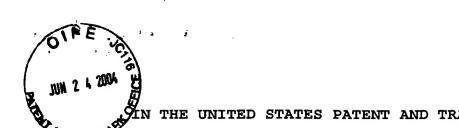
(Attorney/Agent)

35,634

Telephone 908-277-3333

2004

Date





N THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Spencer A. Rathus et al.

Serial No.: 09/747,295

Group Art Unit: 2876

Filed: December 22, 2000

Examiner: Le, Thien Minh

For: METHOD AND APPARATUS FOR

Atty Doc. No. 660-030

ACCESSING ELECTRONIC DATA

VIA A FAMILIAR PRINTED MEDIUM

Honorable Commissioner for Patents P.O. Box 1430 Alexandria, VA 22313-1430

LETTER

SIR:

Please be advised of the following related co-pending applications:

Attorney Docket Number	Examiner	Serial Number
660-015	Kim, Ahshik	09/769,134
660-016	Le, Thien Minh	09/769,136
660-017	Le, Thien Minh	09/769,137
660-018	Le, Thien Minh	09/769,144
660-019	Le, Thien Minh	09/769,146
660-020	Le, Thien Minh	09/769,139
660-021	Le, Thien Minh	09/769,138
660-022	Kim, Ahshik	09/769,140
660-023	Le, Uyen-Chau N.	09/769,142
660-025	Le, Thien Minh	09/769,143
660-026	Le, Thien Minh	09/769,141
660-027	Kim, Ahshik	09/769,149
660-028	Kim, Ahshik	09/769,148
660-029	Le, Thien Minh	09/769,147
660-030	Le, Thien Minh	09/747,295
660-031	Kim, Ahshik	09/769,134

Please feel free to contact the undersigned attorney with any questions.

Respectfully submitted,

Date: June 17, 2004

John W. Olivo, Jr.
Reg. No. 35,634
WARD & OLIVO
382 Springfield Avenue
Suite 300
Summit, NJ 07901
(908) 277-3333

PTO/SB/08A (08-03)

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Complete if Known

09/747,295

12/22/2000

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Application Number

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

First Named Inventor Spencer A. Rathus Art Unit 2876 (Use as many sheets as necessary) Examiner Name Le, Thien Minh

Filing Date

Attorney Docket Number 660-030

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US- 3,705,384	12-05-1972	Wahlberg	
	2	^{US-} 3,735,350	05-22-1973	Lemelson	
	3	^{US-} 3,976,995	08-24-1976	Sebestyen	
	4	^{US-} 4,117,542	09-26-1978	Klausner et al.	
	5	^{US-} 4,283,621	08-11-1981	Pembroke	
	6	^{US-} 4,601,573	07-22-1986	Utsugi	
	7	^{US-} 4,659,213	04-21-1987	Matsumoto	
	8	^{US-} 4,711,994	12-08-1987	Greenberg	
	9	^{US-} 4,723,212	02-02-1988	Mindrum et al.	
	10	^{US-} 4,793,813	12-27-1998	Bitzer et al.	
	11	^{US-} 4,812,879	03-14-1989	Suzuki	
	12	^{US-} 4,820,167	04-11-1989	Nobles et al.	
	13	^{US-} 4,839,507	06-13-1989	May	
	14	^{US-} 4,897,865	01-30-1990	Canuel	
	15	^{US-} 4,910,672	03-20-1990	Off et al.	
	16	^{US-} 4,984,155	01-08-1991	Geier et al.	
	17	^{US-} 5,002,491	03-26-1991	Abrahamson et al.	
	18	^{US-} 5,021,984	06-04-1991	Meade et al.	
	19	^{US-} 5,027,196	06-25-1991	Ono et al.	

			IGN PATENT DOCL	JMENTS		
Examiner Initials*		Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ^{3 -} Number ^{4 -} Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
	20	DE 2452202 A1	11-20-1975	Waterbury		
	21	JP 60-46,684	03-13-1985	Masaaki et al.		
	22	JP 62-98,334	05-07-1987	Yoshitomo, Abe		
	23	EP 357899 A	03-14-1990	Schulz		
	24	GB 2 232 119 A	12-05-1990	Webster et al.		
	25	JP 02103025 A	04-16-1990	Hirata, Hideyuk		

Examiner	Date	
Signature	Considered	
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Sheet 2

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known			
Application Number	09/747,295		
Filing Date	12/22/2000		
First Named Inventor	Spencer A. Rathus		
Art Unit	2876		
Examiner Name	Le, Thien Minh		
Attorney Docket Number	660-030		

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (if known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	26	US- 5,031,098	07-09-1991	Miller et al.	J
	27	^{US-} 5,111,196	05-05-1992	Hunt, Peter F.	
	28	^{US-} 5,119,188	06-02-1992	McCalley et al.	
	29	^{US-} 5,158,310	10-27-1992	Tannehill et al.	
	30	^{US-} 5,168,303	12-01-1992	Ikenoue et al.	
	31	^{US-} 5,173,851	12-22-1992	Off et al.	
	32	^{US-} 5,181,062	01-19-1993	Kazumi, Jiro	
	33	^{US-} 5,204,813	04-20-1993	Samph et al.	
	34	^{US-} 5,222,624	06-29-1993	Burr	
	35	^{US-} 5,235,509	08-10-1993	Mueller et al.	
	36	^{US-} 5,262,860	11-16-1993	Fitzpatrick et al.	
	37	^{US-} 5,287,181	02-15-1994	Holman	
	38	^{US-} 5,287,266	02-15-1994	Malec et al.	
	39	^{US-} 5,288,977	02-22-1994	Amendolia et al.	
	40	us- 5,295,064	03-15-1994	Malec et al.	
	41	^{US-} 5,295,836	03-22-1994	Ryu et al.	
	42	^{US-} 5,302,990	04-12-1994	Satoh et al.	
	43	^{US-} 5,310,349	05-10-1994	Daniels et al.	
	44	^{US-} 5,353,219	10-04-1994	Mueller et al.	

		FORE	IGN PATENT DOCL	JMENTS		
Examiner Cite Initials* No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
	45	JP 02127792 A	05-16-1990	Oki, Shinji		
	46	JP 03151263 A	06-27-1991	Osawa		
	47	JP 03174693 A	07-29-1991	Ashida et al.		
	48	JP 04-023,183	01-27-1992	Masahide		
	49	JP 06110913 A	04-22-1994	Watanabe		
	50	JP 6-233,159	08-19-1994	Tsutomu		

Examiner	Date	
Signature	Considered	
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Sheet 3

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	09/747,295				
Filing Date	12/22/2000				
First Named Inventor	Spencer A. Rathus				
Art Unit	2876				
Examiner Name	Le, Thien Minh				
Attorney Docket Number	660-030				

				DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	51	^{US-} 5,368,129	11-29-1994	Von Kohorn	
	52	^{US-} 5,369,571	11-29-1994	Metts	
	53	^{US-} 5,385,371	01-31-1995	Izawa	
	54	^{US-} 5,385,475	01-31-1995	Sudman et al.	
	55	^{US-} 5,397,156	03-14-1995	Schach et al.	
	56	^{US-} 5,401,944	03-28-1995	Bravman	
	57	^{US-} 5,410,642	04-25-1995	Hakamatsuka et al.	
	58	^{US-} 5,412,191	05-02-1995	Baitz et al.	
	59	^{US-} 5,451,998	09-19-1995	Hamrick	
	60	^{US-} 5,452,379	09-19-1995	Poor	
	61	^{US-} 5,493,355	02-20-1996	Kazami	
	62	^{US-} 5,500,681	03-19-1996	Jones	
	63	^{US-} 5,505,494	04-09-1996	Belluci et al.	
	64	^{US-} 5,506,697	04-09-1996	Li et al.	
	65	^{US-} 5,551,011	08-27-1996	Danby et al.	
	66	^{US-} 5,555,496	09-10-1996	Tackbary et al.	
	67	^{US-} 5,559,714	09-24-1996	Banks et al.	
	68	^{US-} 5,578,797	11-26-1996	Hewitt et al.	
	69	^{US-} 5,612,868	03-18-1997	Off et al.	

			JMENTS		
Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
	Country Code ^{3 -} Number ^{4 -} Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T
70	JP 07056941 A	03-03-1995	Tanaka et al.		Г
71	JP 7-64,169	03-10-1995	Masaru, Mase		
72	JP 11-355,699	06-05-1998	Yukihiro, Sai		
73	JP 10269326 A	10-09-1998	Nakamura et al		
74	JP 2001/142971	05-25-2001	Atsushi		Γ
	70 71 72 73	No. ¹ Country Code ³ Number ⁴ Kind Code ⁵ (if known) 70 JP 07056941 A 71 JP 7-64,169 72 JP 11-355,699 73 JP 10269326 A	No.¹ Date MM-DD-YYYY 70 JP 07056941 A 03-03-1995 71 JP 7-64,169 03-10-1995 72 JP 11-355,699 06-05-1998 73 JP 10269326 A 10-09-1998	No.¹ Date MM-DD-YYYY Applicant of Cited Document 70 JP 07056941 A 03-03-1995 Tanaka et al. 71 JP 7-64,169 03-10-1995 Masaru, Mase 72 JP 11-355,699 06-05-1998 Yukihiro, Sai 73 JP 10269326 A 10-09-1998 Nakamura et al	No.¹ Date MM-DD-YYYY Applicant of Cited Document Where Relevant Passages Or Relevant Figures Appear 70 JP 07056941 A 03-03-1995 Tanaka et al. 71 JP 7-64,169 03-10-1995 Masaru, Mase 72 JP 11-355,699 06-05-1998 Yukihiro, Sai 73 JP 10269326 A 10-09-1998 Nakamura et al

Examiner	Date	
Signature	Considered	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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4 Sheet

R. CORNE

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Complete if Known					
Application Number	09/747,295				
Filing Date	12/22/2000				
First Named Inventor	Spencer A. Rathus				
Art Unit	2876				
Examiner Name	Le, Thien Minh				
Attorney Docket Number	660-030				

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	75	^{US-} 5,615,123	03-25-1997	Davidson et al.	
	76	^{US-} 5,644,408	07-01-1997	Li et al.	
	77	^{US-} 5,751,590	05-12-1998	Cannon et al.	
	78	^{US-} 5,801,944	09-01-1998	Kara	
	79	^{US-} 5,870,030	09-11-7627	Deluca et al.	
	80	^{US-} 5,872,589	02-16-1999	Morales	
	81	^{US-} 5,948,040	09-07-1999	DeLorme et al.	
	82	^{US-} 5,978,013	11-02-1999	Jones et al.	
	83	^{US-} 5,978,648	11-02-1999	George et al.	
	84	^{US-} 5,995,105	11-30-1999	Reber et al.	
_	85	^{US-} 6,002,491	12-14-1999	Li et al.	
	86	^{US-} 6,064,832	05-16-2000	Sato et al.	
	87	^{US-} 6,072,186	06-06-2000	Yokonuma et al.	
	88	^{US-} 6,085,976	07-11-2000	Sehr	
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
 						
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Signature	Considered	
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Sheet 5

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Complete if Known					
Application Number	09/747,295				
Filing Date	12/22/2000				
First Named Inventor	Spencer A. Rathus	•			
Art Unit	2876				
Examiner Name	Le, Thien Minh				
Attorney Docket Number	660-030				

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Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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